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NPIC/R-213/63
September 1963

PHOTOGRAPHIC INTERPRETATION REPORT

MISSION COVERAGE INDEX

MISSION 8003 [REDACTED]

31 JULY - 1 AUGUST 1963



CIA



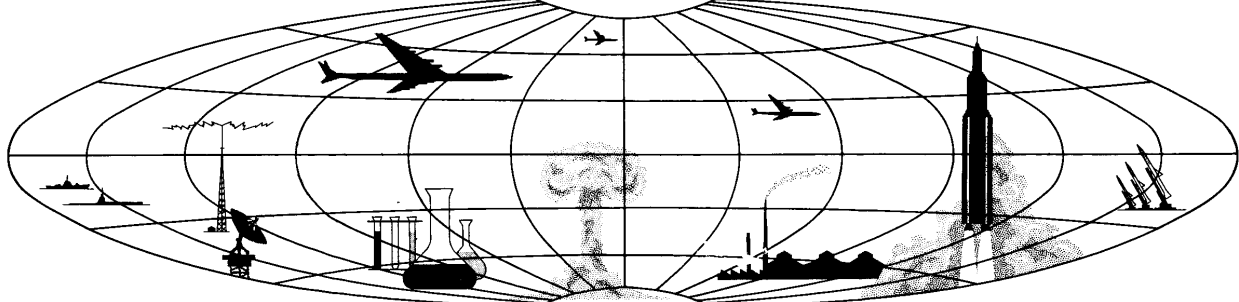
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PREFACE

This Mission Coverage Index (MCI) furnishes a compilation of intelligence targets covered by this mission. Items in the compilation are arranged in three sections:

Section I provides summary information for a) newly identified targets, b) previously reported targets which show a change, and c) all targets showing order of battle information.

Section II provides a listing of those targets which reflect no change in facilities from previous target description. The mission number shown on the photo reference line (e.g., NAC 9000) refers to the MCI which contains the most adequate description of that target. Military installations where no order of battle can be determined are listed under this section.

Section III provides a listing of those targets which could be identified but not interpreted.

All three sections are arranged 1) by country, 2) within a country by subject, 3) within a subject by WAC area, and 4) within a WAC area by coordinates reading from south to north and from west to east. The map base used (when available) for the derivation of coordinates in this report is the latest edition of the US Air Target Chart, Series 200.

For the convenience of the user, a subject index to all targets has been included following Section III. Targets in the subject index are listed 1) by category, 2) by country within each category, and 3) alphabetically by place name within each country. An explanation of column headings and photo reference data used in presenting the information is contained in the appendix.

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PREFACE (Continued)

The user of this MCI is cautioned that the scan of photography was accomplished in a relatively short time and often without the aid of precise analytical and mensural techniques commonly employed in detailed photographic analysis. Consequently, although the information presented herein is essentially accurate, additional, detailed analysis may somewhat alter portions of the information.

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MISSION HIGHLIGHTS

Mission 8003, utilizing the KH-6 camera system, was accomplished on 31 July and 1 August 1963, and provided 15 passes over the USSR and China. Approximately 46 percent of the coverage is cloud-free.

Missile activity newly identified on Mission 8003 includes:

MRBM/IRBM					SAM				
Location	LAUNCH SITE TYPE				Location	SA-1	SA-2	SA-3	SA-0 Support
	I	II	III	IV	Fixed Field-Type MRBM				
Anastasyevka					1				
							1 u/c		
							1 poss		

25X1D

SECTION I

THIS SECTION PROVIDES SUMMARY INFORMATION FOR A) NEWLY IDENTIFIED TARGETS, B) PREVIOUSLY REPORTED TARGETS WHICH SHOW A CHANGE, AND C) ALL TARGETS SHOWING ORDER OF BATTLE INFORMATION.

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
-USSR-				
MISSILES				
25X1D BELOMORSK SAM SITE 3.5 NM NE OF BELOMORSK AT 63-34- 034-51- NEWLY IDENTIFIED, POSSIBLE SA-2 SAM SITE, STATUS UNDETERMINED. 25X1D USATC SERIES 200, SHEET 091-25, 2D ED, NOV 59. 25X1D	6434N 03451E	0091	25X1A	3-C
25X1D LENINGRAD SA-3 SAM SITE D-30A 31.5 NM NW OF LENINGRAD AT 60-10- 029-23- COMPLETED SA-3 SAM SITE.	6010N 02923E	0103		48-B
25X1D SKRUNDA HARDENED IRBM LAUNCH SITE 8 NM SW OF SKRUNDA. TYPE IV (HARDENED) IRBM LAUNCH SITE. SITE APPEARS TO BE IN LATE STAGE OF CONSTRUCTION.	5635N 02149E	0152		15
25X1D NIGRANDE IRBM LAUNCH SITE 2.5 NM NW OF NIGRANDE. COMPLETED TYPE III (ELONGATED-PAD SOFT IRBM) LAUNCH SITE WITH A FACILITY.	5631N 02202E	0153		144
25X1D MOLOSKOVITSY MRBM LAUNCH SITE 1 5.5 NM NW OF MOLOSKOVITSY. COMPLETED TYPE II (ELONGATED-PAD SOFT MRBM) LAUNCH SITE WITH A	5928N 02906E	0153		135

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	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
25X1D	[REDACTED]			25X1A	
	LENINGRAD PROB AMM LAUNCH COMPLEX D25 33 NM SW OF LENINGRAD. 25X1D NO SIGNIFICANT CHANGE SINCE [REDACTED] [REDACTED] EXCEPT THAT CLEARING CONTINUES IN THE AREA JUST WEST OF THE CENTER LAUNCH SITE BETWEEN THE FENCE AND COMPLEX SERVICE ROAD. IN THE PROBABLE ELECTRONICS FACILITY 2 SMALL OBJECTS ARE EVIDENT ON TOP OF THE TALL UPRIGHT STRUCTURE AT THE NW LEG, HOWEVER, NONE ARE OBSERVED ON THE STRUCTURE AT THE SE LEG. ONE ADDITIONAL BUILDING, CONSTRUCTED SINCE [REDACTED] [REDACTED] IS IDENTIFIED IN THE 25X1D BARRACKS AREA.	5943N 02918E	0153	[REDACTED]	36-A7
25X1D					
25X1D					
25X1D					
	GORKIY SAM SITE C-35 25X1D 25X1D 25.5 NM NNW OF GORKIY AT 56-42-[REDACTED] 043-39-[REDACTED]. COMPLETED SA-2 SAM SITE. SIX REVETTED LAUNCH POSITIONS AND REVETTED GUIDANCE AREA APPEAR OCCUPIED.	5642N 04339E	0154	[REDACTED]	13-U
25X1D					
	GORKIY SAM SITE B-01 25X1D 25X1D 12 NM NORTH OF GORKIY AT 56-31-[REDACTED] 044-00-[REDACTED]. COMPLETED SA-2 SAM SITE. THREE LAUNCH POSITIONS AND THE CENTRAL GUIDANCE AREA APPEAR OCCUPIED.	5631N 04400E	0154	[REDACTED]	13-Q
25X1D					
	GORKIY SAM SITE B-11 25X1D 25X1D 13 NM SE OF GORKIY AT 56-16-[REDACTED] 044-18-[REDACTED]. COMPLETED SA-2 SAM SITE. GUIDANCE AREA APPEARS	5616N 04418E	0155	[REDACTED]	20

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
25X1D OCCUPIED. [REDACTED] 25X1D 25X1D BALAKOVO SA-0 SAM SITE B-06 14 NM NE OF BALAKOVO AT 52-10-[REDACTED] 048-05-[REDACTED]. COMPLETED SA-0 (CATEGORY I) SAM SITE. FOUR LAUNCH POSITIONS AND GUIDANCE AREA APPEAR OCCUPIED. [REDACTED] 25X1D 25X1D	5210N 04805E	0165	25X1A [REDACTED]	56
25X1D BALAKOVO SAM SUPPORT FACILITY 2 NM SE OF BALAKOVO AT 52-00-[REDACTED] 047-48-[REDACTED] COMPLETED TYPE II SAM SUPPORT FACILITY. FIVE POSSIBLE MISSILE TRAILERS AND 2 ROWS OF UNIDENTIFIED EQUIPMENT OBSERVED AT SITE. [REDACTED] 25X1D 25X1D	5200N 04748E	0166	[REDACTED]	3-C
25X1D RAGNIT MRBM LAUNCH SITE 6 NM EAST OF RAGNIT. COMPLETED IRREGULAR TYPE 1 (ROUND-PAD SOFT MRBM) LAUNCH SITE. A PROBABLE [REDACTED] [REDACTED] FACILITY IS LOCATED ONE NM NNW OF LAUNCH SITE. [REDACTED] 25X9	5501N 02211E	0168	[REDACTED]	154
25X1D DROVYANAYA ICBM COMPLEX SAM SITE 23.2 NM WSW OF DROVYANAYA ICBM COMPLEX SUPPORT FACILITY AT 51-22-[REDACTED] 112-26-[REDACTED] 25X1D NEWLY IDENTIFIED, SA-2 SAM SITE UNDER CONSTRUCTION. USATC SERIES 200, SHEET 201-4, 1ST ED, NOV 59. [REDACTED]	5122N 11226E	0201	[REDACTED]	53-B
25X1D DROVYANAYA ICBM LAUNCH COMPLEX 42 NM SSW OF CHITA.	5132N 11301E	0201	25X1A [REDACTED]	53

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	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
25X1D	NO APPARENT CHANGE IN COMPLEX SUPPORT FACILITY				
25X1D	AND RAIL-TO-ROAD TRANSFER POINT SINCE [REDACTED]				
25X1D	[REDACTED] REMAINDER OF COMPLEX IS CLOUD COVERED.				
	[REDACTED]			25X1A	
	ANASTASYEVKA PROB ALTERNATE MRBM LAUNCH SITE	4832N 13531E	0204	[REDACTED]	41-C
	2.5 NM SW OF ANASTASYEVKA.				
	NEWLY IDENTIFIED PROBABLE ALTERNATE MRBM LAUNCH SITE (FIXED FIELD-TYPE) CONSISTS OF 4 PROBABLE ELONGATED LAUNCH CLEARINGS ALIGNED IN A NW/SE DIRECTION AND ARRANGED ON A SOMEWHAT RECTANGULAR ROAD PATTERN. AN UNIDENTIFIABLE OBJECT IS OBSERVED ON THREE OF THE PROBABLE LAUNCH PADS AND A PROBABLE CONTROL POSITION IS ASSOCIATED WITH AT LEAST 2 PADS. NO IDENTIFIABLE EQUIPMENT, SUPPORT BUILDINGS, OR SECURITY EVIDENT AT THE LAUNCH SITE. CONSTRUCTION STAGE OF THE LAUNCH SITE CANNOT BE DETERMINED.				
25X1D	[REDACTED]				
	ANASTASYEVKA MRBM LAUNCH SITE 1.	4835N 13538E	0204	25X1A	41
	2.5 NM NE OF ANASTASYEVKA.			[REDACTED]	
	COMPLETED TYPE II (ELONGATED-PAD SOFT MRBM) LAUNCH SITE WITH A [REDACTED] FACILITY.				
25X1D	[REDACTED]				
	ANASTASYEVKA MRBM SUPPORT FACILITY	4836N 13536E	0204	25X1A	41-B
	APPROXIMATELY 3 NM NE OF ANASTASYEVKA.			[REDACTED]	
	INSTALLATION CONTAINS A LARGE HOUSING SECTION WITH APPROXIMATELY 30 BUILDINGS AND 3 SMALLER SUPPORT SECTIONS. ONE, A POSSIBLE ELECTRONICS SITE, IS LOCATED JUST EAST OF THE HOUSING				

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
SECTION AND CONTAINS A DOME-LIKE STRUCTURE, 2 ASSOCIATED BUILDINGS, AND 10 SMALL BUILDINGS. ANOTHER SECTION, APPROXIMATELY 3,000 FT TO THE SOUTH, CONTAINS 4 LARGE BUILDINGS, 2 BUNKERED BUILDINGS, A T-SHAPED BUILDING, AND 3 MISCELLANEOUS BUILDINGS. A ROAD LEADS SOUTH FROM THE LATTER SECTION TO ANOTHER POSSIBLE ELECTRONICS SITE CONTAINING AN UNIDENTIFIED TALL STRUCTURE, ONE LARGE BUILDING AND 3 ASSOCIATED SMALL BUILDINGS. SUPPORT SECTIONS ARE CONNECTED BY GOOD ROADS TO NEARBY SOFT MRBM LAUNCH SITES.				
25X1D [REDACTED] 25X9			25X1A	
ANASTASYEVKA MRBM LAUNCH SITE 2 5 NM NE OF ANASTASYEVKA. COMPLETED TYPE II (ELONGATED-PAD SOFT MRBM) LAUNCH SITE WITH A [REDACTED] FACILITY.	4836N 13541E	0204	[REDACTED]	41-A
25X1D [REDACTED]				
VOLSK SA-0 SAM SITE A-17 25X1D 25X1D 8.5 NM SSE OF VOLSK AT 51-54-[REDACTED] 047-26-[REDACTED] COMPLETED SA-0 (CATEGORY I) SAM SITE WITH 6 LAUNCH POSITIONS AND GUIDANCE AREA OCCUPIED.	5154N 04726E	0235	[REDACTED]	29
25X1D [REDACTED]				
AIR INSTALLATIONS				
TIKSI AIRFIELD NORTH 24 NM NNW OF TIKSI. 14,100 X 660 FT NW/SE GRADED EARTH RUNWAY, PROBABLY SERVICEABLE. AIRCRAFT -- NONE OBSERVED. [REDACTED]	7201N 12829E	0029	[REDACTED]	1
25X1D [REDACTED]				

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
<p>ASPIDNOYE AIRFIELD 25 NM SW OF AMBARCHIK. 15,000 X 650 FT N/S GRADED EARTH RUNWAY WITH APPROXIMATELY 2,000 FT OVERRUN AT SOUTH END OF RUNWAY. AIRFIELD IS PROBABLY UNSERVICEABLE DURING SUMMER MONTHS DUE TO MUD AND DRAINAGE ACROSS RUNWAY. AIRCRAFT -- NONE OBSERVED.</p>	6921N 16134E	0066	25X1A	1-A
<p>TIKSI AIRFIELD NO APPARENT CHANGE SINCE AIRCRAFT -- ONE PROBABLE CUB, ONE PROBABLE CAB, 4 PROBABLE TRANSPORTS AND APPROXIMATELY 15 SWEEP-WING FIGHTERS. FOUR PROBABLE TRANSPORTS AND 7 PROBABLE FIGHTERS.</p>	7141N 12853E	0068		5
<p>KEM/UZHMANA AIRFIELD 8 NM WSW OF KEM. 7,000 FT NW/SE CONCRETE AND BLACKTOP RUNWAY. WIDTH VARIES FROM 165-265 FT. APPROXIMATELY 1,400 FT ON THE NW END OF THE RUNWAY IS UNDER CONSTRUCTION, REMAINDER APPEARS SERVICEABLE. AIRCRAFT -- NONE OBSERVED.</p>	6455N 03416E	0091		8
<p>LENINGRAD/LEVASHOVO AIRFIELD NO APPARENT CHANGE SINCE AIRCRAFT -- AT LEAST 6 UNIDENTIFIED AIRCRAFT.</p>	6005N 03011E	0103		42-H
<p>VAINODE AIRFIELD NO APPARENT CHANGE SINCE</p>	5624N 02153E	0152		7

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
25X1D [REDACTED] 25X1D AIRCRAFT -- 16 POSSIBLE AIRCRAFT. [REDACTED]			25X1A	
CIRAVA AIRFIELD 17 NM NE OF LIEPAJA. TWO RUNWAYS, ONE, 5,200 X 115, NW/SE, SERVICEABLE, CONTAINS A 700 FT CONCRETE SECTION AT THE NW END AND A 2,500 FT CONCRETE SECTION AT THE SE END. REMAINING RUNWAY SURFACE IS UNDETERMINED. SECOND RUNWAY 3,500 X 390 FT NE/SW, GRADED EARTH, UNSERVICEABLE. AIRCRAFT -- 5 SMALL STRAIGHT-WING. [REDACTED]	5644N 02121E	0152	[REDACTED]	16
25X1D KIROV AIRFIELD NORTH NO APPARENT CHANGE SINCE [REDACTED] AIRCRAFT -- 3 CAB, 8 POSSIBLE COLT, 15 SMALL STRAIGHT-WING. [REDACTED]	5838N 04935E	0155	[REDACTED]	5-L
25X1D VOLSK AIRFIELD 1.5 NM WSW OF VOLSK. 6,500 X 3,000 FT E/W SOD LANDING AREA, SERVICEABLE. AIRCRAFT -- 7 SMALL POSSIBLE STRAIGHT-WING AIRCRAFT. FACILITY JUST SOUTH OF THE FIELD CONTAINS A BUILDING AREA AND 2 HIGH- WALLED RETAINERS, ONE OF WHICH CONTAINS A BLIMP/BALLOON. [REDACTED]	5202N 04720E	0166	[REDACTED]	33-E
25X1D KEDAINIAI AIRFIELD NO APPARENT CHANGE SINCE [REDACTED]	5519N 02357E	0168	[REDACTED]	30

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			BE	NPIC
25X1D AIRCRAFT -- APPROXIMATELY 11 UNIDENTIFIED AIRCRAFT. [REDACTED]				
SLAPABERZE AREA, AIRFIELD 6 NM NORTH OF KEDAINIAI AIRFIELD. 4,000 X 200 FT NNW/SSE GRADED EARTH RUNWAY, SERVICEABLE. 25X1D AIRCRAFT -- NONE OBSERVED. [REDACTED]	5524N 02356E	0168		167
SIAULIAI AIRFIELD NO APPARENT CHANGE SINCE [REDACTED] AIRCRAFT -- 20 UNIDENTIFIED LARGE SWEEP-WING, 5 MEDIUM SWEEP-WING, AND 26 SMALL AIRCRAFT. [REDACTED]	5553N 02323E	0168	25X1A [REDACTED]	65-A
PANEVEZYS AIRFIELD NO APPARENT CHANGE SINCE [REDACTED] AIRCRAFT -- APPROXIMATELY 4 SMALL AIRCRAFT. [REDACTED]	5544N 02428E	0168		53
KHABAROVSK AIRFIELD NORTHEAST NO APPARENT CHANGE SINCE [REDACTED] AIRCRAFT -- 2 PROBABLE CLEAT, 4 PROBABLE BULL, 12 PROBABLE CAMEL, 3 PROBABLE BEAGLE, 2 PROBABLE CAB, 30 UNIDENTIFIED STRAIGHT-WING (INCLUDING ONE IN FLIGHT OFF NE END OF RUNWAY). [REDACTED]	4831N 13510E	0204		7-R
YARMOLINTSY AREA POSS AIR TRAINING CENTER 2 NM WSW OF YARMOLINTSY. INSTALLATION LARGELY CLOUD-COVERED. ELEVEN LARGE STRAIGHT-WING AIRCRAFT OBSERVED.	4911N 02647E	0233		66-A

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City, Installation

Coordinates

WAC

Installation Numbers

BE

NPIC

25X1D

KRASILOV AIRFIELD
JUST NW OF KRASILOV.
10,800 X 1,200 FT SOD LANDING AREA
CONTAINING A DELINEATED 7,300 X 425 FT
WNW/ESE SOD LANDING STRIP, SERVICEABLE.
AIRCRAFT -- NONE OBSERVED.

4939N 02655E

0233

25X1A

34

25X1D

KHMELNITSKIY AIRFIELD
NO APPARENT CHANGE SINCE MISSION
AIRCRAFT -- APPROXIMATELY 12 SMALL
STRAIGHT-WING.

25X1D

4924N 02700E

0233

25X1A

26-B

25X1D

MILITARY/NAVAL INSTALLATIONS

KRONSHADT NAVAL BASE AND SHIPYARD
NO APPARENT CHANGE SINCE MISSION
VESSELS -- ONE PROBABLE CRUISER, 6-7 POSSIBLE
DESTROYERS, A GROUP OF UNIDENTIFIED VESSELS
BERTHED SIMILARLY AND AT THE SAME LOCATION AS
5 MEDIUM SUBMARINES OBSERVED ON MISSION
AND NUMEROUS MINOR SURFACE
VESSELS.

25X1D

5959N 02947E

0153

25X1A

31

25X1D

25X1D

25X2

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			BE	NPIC
<div data-bbox="139 1073 878 1331" data-label="Image"></div> <p><u>INDUSTRY</u></p> <p>GORKIY PETROLEUM REFINERY NOVO GORKIY 12.5 NM SSE OF GORKIY. APPROXIMATELY 60 PERCENT OF REFINERY COVERED BY PHOTOGRAPHY. FACILITIES OBSERVED INCLUDE AT LEAST 150 STORAGE TANKS AND NUMEROUS BUILDINGS. AREA IS RAIL-SERVED.</p> <div data-bbox="152 1549 488 1591" data-label="Image"></div> <p><u>BASIC SERVICES</u></p> <p>BALAKOVO, HYDRO POWER PLANT SARATOV NW EDGE OF BALAKOVO ON VOLGA RIVER. A FOUNDATION FOR GENERATOR HALL AND SPILLWAY HAS BEEN CONSTRUCTED IN A LARGE EXCAVATION PROTECTED FROM FLOODING BY A COFFER DAM. THREE LARGE BUILDINGS AND CONSTRUCTION MATERIALS OBSERVED ATOP THE FOUNDATION. A CONCRETE BATCH PLANT IS LOCATED .5 NM TO THE SSE. SEVERAL CRANES AND MANY VEHICLES ARE EVIDENT IN AND AROUND THE CONSTRUCTION AREA.</p> <div data-bbox="157 1906 531 1948" data-label="Image"></div>	5607N 04408E	0155	25X1A <div data-bbox="1252 1360 1341 1415" data-label="Image"></div>	7-B
				3-A
	5205N 04745E	0166		

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STORAGE BALKI AMMO DEPOT NNW 2.5 NM NW OF VOLKI. DOUBLE-FENCED, RAIL-SERVED EXPLOSIVES STORAGE AREA CONTAINS 64 STORAGE BUILDINGS AND 2 LARGE RAIL-SERVED TRANSLOADING SHEDS. [REDACTED]	5638N 04402E	0155	25X1A [REDACTED]	31
URBAN COMPLEXES KIROV COMPLEX COMPLEX, APPROXIMATELY 8 SQ MI IN AREA, CONTAINS SEVERAL LIGHT AND HEAVY INDUSTRIES AND AN EDUCATIONAL INSTITUTE. LARGE RAIL- SERVED INDUSTRIAL AREA (REPORTED UNDER CONSTRUCTION IN MISSION [REDACTED] IS NOW IN OPERATION. [REDACTED]	5835N 04939E	0155	25X1A [REDACTED]	5
-CHINA- MISSILES PEIPING RKT ENG TEST FAC CHANG-HSIN-TIEN 12.6 NM WSW OF PEIPING. FACILITY CONTAINS 3 VERTICAL TEST STANDS AND ASSEMBLY/CHECKOUT BUILDINGS, FUEL STORAGE AREA, A POSSIBLE LOX PLANT, AND A HOUSING AND/ OR POSSIBLE R&D AREA. [REDACTED]	3950N 11608E	0381	25X1A [REDACTED]	50-J1

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City, Installation		Coordinates	WAC	Installation Numbers	
				BE	NPIC
AIR INSTALLATIONS					
25X1D	PEIPING CENTRAL AIRFIELD NO APPARENT CHANGE SINCE MISSION [REDACTED] AIRCRAFT -- 23 UNIDENTIFIED STRAIGHT-WING MEDIUM AIRCRAFT AND 9 POSSIBLE AIRCRAFT.	25X1D 4004N 11635E	0289	25X1A [REDACTED]	34
25X1D	CHANG-PING AIRFIELD NO APPARENT CHANGE SINCE MISSION [REDACTED] AIRCRAFT -- 2 PROBABLE AIRCRAFT.	25X1D 4009N 11619E	0289	25X1A [REDACTED]	3
25X1D	LIANG-HSIANG AIRFIELD NO APPARENT CHANGE SINCE MISSION [REDACTED] AIRCRAFT -- 9 SMALL STRAIGHT-WING AIRCRAFT.	25X1D 3946N 11607E	0381	25X1A [REDACTED]	117
25X1D	PEIPING/NAN-YUAN AIRFIELD NO APPARENT CHANGE SINCE MISSION [REDACTED] AIRCRAFT -- ONE MEDIUM SWEEP-WING, ONE MEDIUM STRAIGHT-WING, ONE PROBABLE CAB, AND 17 PROBABLE SMALL UNIDENTIFIED AIRCRAFT.	25X1D 3948N 11623E	0381	25X1A [REDACTED]	47
MILITARY/NAVAL INSTALLATIONS					
	PEI HSIAD YING ARMY BARRACKS WEST 5 NM SOUTH OF NAN-KOU. INSTALLATION, APPROXIMATELY 12 SQ MI IN AREA,	4010N 11608E	0289	25X1A [REDACTED]	3-C

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25X1D

25X1D

25X1D

25X1D

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
CONTAINS APPROXIMATELY 144 BARRACKS/ ADMINISTRATIVE-TYPE BUILDINGS, APPROXIMATELY 50 SUPPORT BUILDINGS, AN AMMUNITION STORAGE AREA, AND A LARGE ARMORED TRAINING AREA. [REDACTED]			25X1A	
NAN-KOU ARMY BARRACKS SOUTHWEST 1.5 NM SW OF NAN-KOU. APPROXIMATELY 70 BARRACKS/ADMINISTRATIVE-TYPE BUILDINGS AND NUMEROUS SMALLER BUILDINGS. [REDACTED]	4013N 11606E	0289	[REDACTED]	21-C
CHANG-PING ARMY SUPPLY DEPOT EAST ONE NM EAST OF CHANG-PING. FENCED AREA CONTAINING 60 BARRACKS/ ADMINISTRATIVE-TYPE BUILDINGS AND 33 WAREHOUSES. [REDACTED]	4013N 11615E	0289	25X1A [REDACTED]	21-D
URBAN COMPLEXES				
NAN-KOU COMPLEX COMPLEX, APPROXIMATELY 4 SQ MI IN AREA, CONTAINS RAILROAD YARDS, SHOPS, AND REPAIR PLANT. NUMEROUS BARRACKS AREAS WITH HEAVY TRACK ACTIVITY LOCATED TO NORTH AND SE. AN 1,100 X 85 FT BUILDING IS LOCATED ADJACENT TO A SMALL INDUSTRIAL INSTALLATION ON THE NORTHERN EDGE OF COMPLEX. [REDACTED]	4014N 11608E	0289	25X1A [REDACTED]	21

SECTION II

THIS SECTION PROVIDES A LISTING OF THOSE TARGETS WHICH REFLECT NO CHANGE IN FACILITIES FROM PREVIOUS TARGET DESCRIPTION. THE MISSION NUMBER SHOWN ON THE PHOTO REFERENCE LINE (E.G., NAC 9000) REFERS TO THE MCI WHICH CONTAINS THE MOST ADEQUATE DESCRIPTION OF THAT TARGET. MILITARY INSTALLATIONS WHERE NO ORDER OF BATTLE CAN BE DETERMINED ARE LISTED UNDER THIS SECTION.

TOP SECRET CHESS RUFF
NO FOREIGN DISSEM

NPIC/R-213/63

	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
	-USSR-				
	MISSILES			25X1A	
25X1D	RAMOYE IRBM LAUNCH SITE [REDACTED]	6426N 03418E	0091	[REDACTED]	40
25X1D	LENINGRAD SAM SITE B-29 [REDACTED]	6001N 02941E	0103	[REDACTED]	46
25X1D	LENINGRAD SA-3 SAM SITE B-29A [REDACTED]	6001N 02941E	0103	[REDACTED]	46-A
25X1D	LENINGRAD SAM SITE D-30 [REDACTED]	6010N 02922E	0103	[REDACTED]	48
25X1D	LENINGRAD SAM SITE D-31 [REDACTED]	6012N 02929E	0103	[REDACTED]	48-A
25X1D	LENINGRAD SAM SITE C-31 [REDACTED]	6014N 02934E	0103	[REDACTED]	47
25X1D	LENINGRAD SA-3 SAM SITE C-31A [REDACTED]	6014N 02934E	0103	[REDACTED]	50-I
25X1D	LENINGRAD SAM SITE C-32B [REDACTED]	6015N 02942E	0103	[REDACTED]	47-B
25X1D	LENINGRAD SAM SITE C-33 [REDACTED]	6017N 02943E	0103	[REDACTED]	47-C
25X1D	LENINGRAD SAM SITE C-33A [REDACTED]	6018N 02948E	0103	[REDACTED]	47-D

TOP SECRET CHESS RUFF
NO FOREIGN DISSEM

TOP SECRET CHESS RUFF
NO FOREIGN DISSEM

NPIC/R-213/63

	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
				25X1A	
25X1D	LENINGRAD SAM SITE C-34 [REDACTED]	6020N 02953E	0103	[REDACTED]	50
25X1D	PAPLAKA SAM SITE [REDACTED]	5625N 02154E	0152	[REDACTED]	9-C
25X1D	MOLOSKOVITSY MRBM COMPLEX SAM SITE B-29 [REDACTED]	5932N 02847E	0153	[REDACTED]	135-C
25X1D	MOLOSKOVITSY MRBM CPLX SAM SITE A-22 [REDACTED]	5923N 02900E	0153	[REDACTED]	135-E
25X1D	MOLOSKOVITSY MRBM LAUNCH SITE 2 [REDACTED]	5929N 02912E	0153	[REDACTED]	135-B
25X1D	LENINGRAD SA-3 SAM SITE C-23 [REDACTED]	5934N 02942E	0153	[REDACTED]	161
25X1D	LENINGRAD SAM SITE C-23 [REDACTED]	5936N 02939E	0153	[REDACTED]	36-A3
25X1D	LENINGRAD SAM SITE C-24 [REDACTED]	5940N 02937E	0153	[REDACTED]	102-L
25X1D	LENINGRAD SAM SITE C-25 [REDACTED]	5945N 02934E	0153	[REDACTED]	102-M
25X1D	LENINGRAD SAM SITE C-26 [REDACTED]	5947N 02932E	0153	[REDACTED]	102-N
25X1D	LENINGRAD SA-3 SAM SITE C-26B [REDACTED]	5949N 02923E	0153	[REDACTED]	102-Q1
25X1D	LENINGRAD SAM SITE C-27 [REDACTED]	5953N 02926E	0153	[REDACTED]	102-Q

TOP SECRET CHESS RUFF
NO FOREIGN DISSEM

NPIC/R-213/63

	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
				25X1A	
25X1D	LENINGRAD SAM SITE D-28 [REDACTED]	5957N 02917E	0153	[REDACTED]	36-A5
25X1D	LENINGRAD SA-3 SAM SITE D-28A [REDACTED]	5957N 02917E	0153	[REDACTED]	36-A8
25X1D	KIROV SAM SUPPORT FACILITY [REDACTED]	5832N 04935E	0155	[REDACTED]	5-K
25X1D	KHABAROVSK SAM SITE B-09 [REDACTED]	4829N 13529E	0204	[REDACTED]	7-A6
25X1D	KHABAROVSK SAM SITE A-36 [REDACTED]	4835N 13509E	0204	[REDACTED]	7-V
25X1D	KAMENETS-PODOLSKIY MRBM LAUNCH SITE [REDACTED]	4851N 02642E	0233	[REDACTED]	23-B
25X1D	KAMENETS-PODOLSKIY MRBM COMPLEX SAM SITE A-27 [REDACTED]	4852N 02648E	0233	[REDACTED]	116-A
25X1D	DUNAYEVTSY MRBM LAUNCH SITE [REDACTED]	4855N 02659E	0233	[REDACTED]	116
25X1D	AIR INSTALLATIONS				
25X1D	REMPETI AIRFIELD [REDACTED]	6027N 02845E	0103	[REDACTED]	26
25X1D	KRONSTADT AIRFIELD [REDACTED]	6001N 02942E	0103	[REDACTED]	54
25X1D	SEYVYASTE AIRFIELD [REDACTED]	6013N 02906E	0103	[REDACTED]	28

TOP SECRET CHESS RUFF
NO FOREIGN DISSEM

TOP SECRET CHESS RUFF

NO FOREIGN DISSEM

NPIC/R-213/63

	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
				25X1A	
25X1D	PERKYARVI AIRFIELD [REDACTED]	6028N 02925E	0103	[REDACTED]	20
25X1D	LENINGRAD/KASIMOVO AIRFIELD [REDACTED]	6011N 03020E	0103	[REDACTED]	42-I
25X1D	ROPSHA AIRFIELD [REDACTED]	5942N 02949E	0153	[REDACTED]	36-Z3
25X1D	GRODNO SOUTHEAST AIRFIELD [REDACTED]	5336N 02401E	0168	[REDACTED]	22-A
	<u>MILITARY/NAVAL INSTALLATIONS</u>				
25X1D	PERKYARVI AREA, MILITARY TRAINING AREA [REDACTED]	6027N 02905E	0103	[REDACTED]	20-A
25X1D	KAMENETS-PODOLSKIY ARTILLERY DEP SMOTRICH [REDACTED]	4841N 02635E	0233	[REDACTED]	23-A
25X1D	KHMELNITSKIY ARMY BARRACKS RAKOVO [REDACTED]	4924N 02704E	0233	[REDACTED]	26-A
	<u>ELECTRONICS/COMMUNICATIONS</u>				
25X1D	KHABAROVSK KRUG DF SITE 1 [REDACTED]	4830N 13518E	0204	[REDACTED]	7-Y
25X1D	KHABAROVSK AREA, POSSIBLE RADAR SITE [REDACTED]	4831N 13532E	0204	[REDACTED]	7-A7
	<u>INDUSTRY</u> [REDACTED]				

TOP SECRET CHESS RUFF

NO FOREIGN DISSEM

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
<u>PORTS AND HARBORS</u>			25X1A	
25X1D PRIMORSK PORT FACILITIES	6021N 02837E	0103		51
<u>STORAGE</u>				
25X1D KOTELNICH AREA, STORAGE AREA	5819N 04838E	0155		6-B
25X1D KOTELNICH AMMUNITION DEPOT ISTOBENSK SOUTH	5820N 04846E	0155		6-A
25X1D KHMELNITSKIY AREA, SECURED STORAGE SITE	4927N 02653E	0233		26-C
25X1D BELEK-TURKMENSKIY, POL STORAGE	3956N 05350E	0338		15
<u>URBAN COMPLEXES</u>				
25X1D BELOMORSK COMPLEX	6432N 03447E	0091		3
25X1D KEM COMPLEX	6457N 03437E	0091		7
25X1D GORKIY COMPLEX	5616N 04355E	0154		13
25X1D VOLSK COMPLEX	5202N 04723E	0166		33
25X1D GRODNO COMPLEX	5341N 02350E	0168		22

TOP SECRET CHESS RUFF

NO FOREIGN DISSEM

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	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
25X1D	SIAULIAI COMPLEX [REDACTED]	5556N 02319E	016	25X1A [REDACTED]	65
25X1D	KHMELNITSKIY COMPLEX [REDACTED]	4925N 02659E	023	[REDACTED]	26
	-CHINA-				
	<u>MISSILES</u>				
25X1D	PEIPING SAM SITE B-35 [REDACTED]	4009N 11618E	0289	[REDACTED]	33
25X2	[REDACTED]			[REDACTED]	
	<u>INDUSTRY</u>				
25X1D	SHIH-CHING-SHAN IRON AND STEEL PLANT [REDACTED]	3955N 11609E	0381	[REDACTED]	50-K
	<u>URBAN COMPLEXES</u>				
25X1D	PEIPING COMPLEX [REDACTED]	3955N 11623E	0381	[REDACTED]	50

TOP SECRET CHESS RUFF

NO FOREIGN DISSEM

SECTION III

THIS SECTION PROVIDES A LISTING OF THOSE TARGETS WHICH COULD BE IDENTIFIED BUT NOT INTERPRETED.

TOP SECRET CHESS RUFF
NO FOREIGN DISSEM

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City, Installation		Coordinates	WAC	Installation Numbers	
				BE	NPIC
-USSR-					
<u>MISSILES</u>					
BELOMORSK SAM SITE B-25		6426N 03424E	0091	25X1A	3-B
LENINGRAD SAM SITE C-32A		6014N 02940E	0103		47-A
LENINGRAD SA-3 SAM SITE D-32		6020N 02937E	0103		48-C
GURELOVO HARDENED MRBM LAUNCH SITE		5925N 02852E	0153		135-D
LENINGRAD SA-3 SAM SITE D-24		5937N 02928E	0153		102-L1
MOLOSKOVITSY MRBM COMPLEX SA-0 SAM SITE B-35		5939N 02902E	0153		135-A
LENINGRAD SA-3 SAM SITE D-25A		5942N 02917E	0153		36-A9
TAURAGE MRBM LAUNCH SITE 3		5505N 02219E	0168		73-E
TAURAGE MRBM LAUNCH SITE 1		5510N 02220E	0168		73-F
KEDAINIAI AIRFIELD SAM SITE		5519N 02359E	0168		30-D

TOP SECRET CHESS RUFF
NO FOREIGN DISSEM

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TOP SECRET CHESS RUFF

NO FOREIGN DISSEM

	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
				25X1A	
25X1D	RASEINIAI SAM SITE A-01 [REDACTED]	5527N 02308E	0168	[REDACTED]	65-B
25X1D	OTAR SAM SITE A-13 [REDACTED]	4331N 07513E	0329	[REDACTED]	3-B
	AIR INSTALLATIONS				
25X1D	KERSTOVO AIRFIELD [REDACTED]	5929N 02849E	0153	[REDACTED]	24
25X2	[REDACTED]				
	MILITARY/NAVAL INSTALLATIONS				
25X1D	RUCHI NAVAL BASE & SHIP REPAIR YARD [REDACTED]	5946N 02827E	0153	[REDACTED]	67
25X1D	LOMONOSOV NAVAL AMMO DPO BOLSHAYA IZHORA [REDACTED]	5957N 02932E	0153	[REDACTED]	40-A
25X2	[REDACTED]				

SUBJECT INDEX

THIS INDEX PROVIDES A LISTING OF ALL TARGETS CONTAINED IN SECTIONS I, II AND III. THE INDEX IS ARRANGED 1) BY CATEGORY, 2) BY COUNTRY WITHIN EACH CATEGORY, AND 3) ALPHABETICALLY BY PLACE NAME WITHIN EACH COUNTRY.

TOP SECRET ~~CHES RUFF~~
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CIRAVA AIRFIELD
GRODNO SOUTHEAST AIRFIELD
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SEYVYASTE AIRFIELD
SIAULIAI AIRFIELD
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TIKSI AIRFIELD NORTH
TIKSI AIRFIELD
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YARMOLINTSY AREA POSS AIR TRAINING CENTER

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25X2

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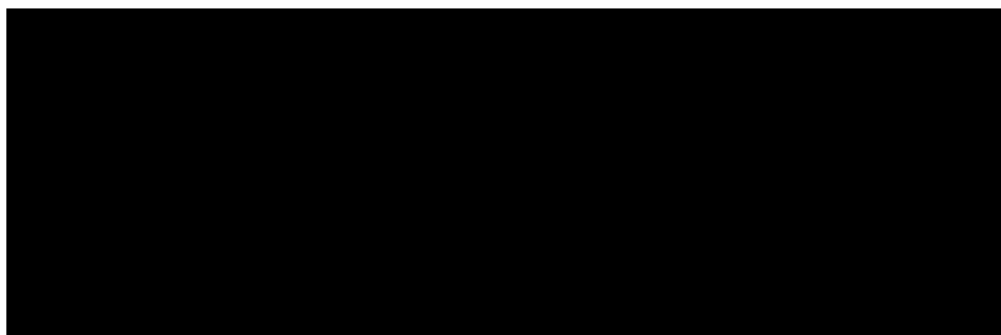
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25X2

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TOP SECRET CHESS RUFF
NO FOREIGN DISSEM

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PEIPING COMPLEX

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TOP SECRET CHESS RUFF
NO FOREIGN DISSEM

APPENDIX
EXPLANATION OF COLUMN HEADINGS
AND PHOTO REFERENCES

City, Installation -- This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. The city and installation names are followed by a capsule description, where appropriate.

Coordinates -- Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

WAC -- This column provides the World Aeronautical Chart number for the area in which the subject installation lies.

Installation Numbers -- The Installation Numbers column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the target. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number. For example, there is an NPIC target numbered 0235-1 and an NPIC target numbered 0236-1. In each instance, the NPIC installations appear on different WACs.

The photo reference line, or lines, provides the pass number, frame numbers, and best frame Universal Reference Grid coordinates for the target in question. The grid template used in designating x-y coordinates is the KH-6 grid, NPIC/TID/T-8. In addition, conditions which affect the appearance of the target on the photography are given.

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25X1D

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TOP SECRET

NO FOREIGN DISSEM

TOP SECRET

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